

# MATERIAL SAFETY DATA SHEET

Complies with EC Directives EC 91/155/EEC & 93/112/EC

## 1. Chemical Product and Company Identification

- 1.1. Product Name: **KURIFLOAT D-170**
- 1.2. Company Information: **KURITA AMERICA, INC.**  
1313 Valwood Pkwy., Suite 370  
Carrollton, TX 75006 USA
- 1.3. Points of Contact: Telephone: 972-484-4438  
FAX: 972-484-4445  
Web: [www.kuritaamerica.com](http://www.kuritaamerica.com)
- 1.4. Emergency Information: CHEMTREC – 1-800-424-9300

## 2. Composition / Information on Ingredients

Aqueous formulation of phosphonate

- 2.1. This product is composed of the following ingredients:

- (a) Phosphonate ( $\text{HO}_3\text{P}^{2--}$ )
- (b) Hydrochloric Acid (HCl) <10%

- 2.2. Characterization of important components according to 2.1.:

- | COMPONENT             | CAS-No.    |
|-----------------------|------------|
| (a) Phosphonate       | 15477-76-6 |
| (b) Hydrochloric Acid | 7647-01-0  |

## 3. Hazards Identification

Repeated or prolonged contact with the product may result in a weak, temporary irritation to the eyes and skin.

## 4. First Aid Measures

- 4.1. General Instructions : There is no general instruction necessary.
- 4.2. Eye Contact : After separating the eyelids, flush with copious amounts of water. Contact an oculist, in case irritation persists.
- 4.3. Skin Contact : Remove contaminated clothing, take a shower, thoroughly wash affected skin with soap & water.
- 4.4. Ingestion : Rinse mouth with water, take two to three glasses of water And DO NOT induce vomiting.
- 4.5. Inhalation : Guide affected person to fresh air. Contact a physician in case inconvenience persists.
- 4.6. Notes to Physician : There is no special information available. Treat symptomatically.

Information given herein is to the best of our knowledge and is only related to the product as delivered in order to give a complete review of safety aspects accurate as of the date indicated. All data given are never meant to guarantee product properties.

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## 5. Fire Fighting Measures

- 5.1. Flammability of the product : This product is not flammable  
5.2. Suitable extinguishing media : Use extinguishing media appropriate to surrounding fire conditions.  
5.3. Special exposure hazards: During a fire or combustion of this product highly toxic and irritating gases may be generated.

## 6. Accidental Release Measures

Wear proper protective equipment. Absorb spill with inert material and place in a chemical waste container. Flush residual spill with plenty of water.

## 7. Handling and Storage

- 7.1. Handling : Keep container tightly closed. Do not flush concentrated product to drain. Avoid prolonged contact with skin or eyes.  
7.2. Storage : Store in a cool, dry, well ventilated location. Keep container right side up and tightly closed when not in use.

## 8. Physical and Chemical Properties

- 8.1. Appearance : Colorless to Light Yellow Liquid  
8.2. Odor : None  
8.3. Physical State : Liquid  
8.4. pH Value : <1.0 (25°C), 1% solution = 1.0 – 2.0  
8.5. Vapor Pressure : No Data  
8.6. Vapor Density : No Data  
8.7. Freezing Point : -5°C  
8.8. Melting Point : N/A  
8.9. Solubility in Water : 100%  
8.10. Specific Gravity : 1.14 – 1.18 (20°C)  
8.11. Viscosity : No Data  
8.12. Autoignition Temperature : N/A

## 9. Stability and Reactivity

- 9.1. Stability : Stable, will not spontaneously polymerize  
9.2. Conditions to Avoid : Avoid direct contact with metals  
9.3. Materials to Avoid : Keep away from strong oxidizing agents  
9.4. Hazardous Decomposition : During a fire toxic fumes can be generated

## 10. Toxicological Information

- 10.1. Inhalation – No Data  
10.2. Oral – No Data

## 11. Ecological Information

- 11.1. Aquatic toxicology – No Data

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## 12. Disposal Considerations

- 12.1. Waste disposal must be in accordance with appropriate US Federal, State, and International regulations. This product, if unaltered or used may be disposed of by treatment at a permitted facility as advised by you local hazardous waste regulatory authority. DO NOT USE Containers for Drinking Water Use.

## 13. Transport Information

- 13.1. DOT:
- |                                 |   |                                 |
|---------------------------------|---|---------------------------------|
| 13.1.1. DOT – UN Number         | : | 1789                            |
| 13.1.2. DOT Shipping Name       | : | Hydrochloric acid solution <10% |
| 13.1.3. Hazard Class            | : | 8                               |
| 13.1.4. Subsidiary Risk (Class) | : | 8                               |
- 13.2. IATA/ICAO:
- |                              |   |                                 |
|------------------------------|---|---------------------------------|
| 13.2.1. Hazard Class         | : | 8                               |
| 13.2.2. Packing Group        | : | III                             |
| 13.2.3. Proper Shipping Name | : | Hydrochloric acid solution <10% |
| 13.2.4. ID/UN Number         | : | 1789                            |
| 13.2.5. IATA Label           | : | Corrosive                       |
- 13.3. IMO:
- |                       |   |     |
|-----------------------|---|-----|
| 13.3.1. Hazard Class  | : | 8   |
| 13.3.2. Packing Group | : | III |
- 13.4. TDG (Canada):
- |                       |   |        |
|-----------------------|---|--------|
| 13.4.1. Status        | : | Listed |
| 13.4.2. Packing Group | : | III    |

## 14. Regulatory Information:

Listed on Canada DSL inventory list

## 15. Other information

This MSDS was prepared in accordance with OSHA 29 CFR 1910.1200 and EC Directives EC 91/155/EEC & 93/112/EC.

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